

## EAST Search History

| Ref # | Hits  | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|---|------------------|---------|------------------|
| S1    | 2     | "5814516".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND              | ON      | 2007/09/28 13:43 |
| S2    | 5     | mesoscale.as.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND              | ON      | 2007/09/30 15:22 |
| S3    | 12001 | (apparatus or device or system) same metal same fluorescen\$   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND              | ON      | 2007/09/28 12:36 |
| S4    | 1286  | (apparatus or device or system) same metal same fluorescen\$ same (enchanc\$ or increasing or increase?) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND              | ON      | 2007/09/28 13:08 |
| S5    | 2     | "20060147927"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND              | ON      | 2007/09/28 13:08 |
| S6    | 1     | "20060147927" and antibody   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND              | ON      | 2007/09/28 14:49 |
| S7    | 1     | "20060147927" and (low adj quantum adj yield)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND              | ON      | 2007/09/28 13:39 |
| S8    | 2     | "5834008".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND              | ON      | 2007/09/28 13:38 |
| S9    | 2     | "5854008".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND              | ON      | 2007/09/28 13:38 |

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|     |       |   |   |     |    |                  |
|-----|-------|---|---|-----|----|------------------|
| S10 | 1     | "20060147927" and (fluorescein adj isothiocyanate)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/28 13:39 |
| S11 | 0     | "5814516".pn. and ((rhodamine adj B) or (rose adj bengal) or (fluorescein adj isothiocyanate) or FITC)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/28 13:45 |
| S12 | 67    | S4 and ((rhodamine adj B) or (rose adj bengal) or (fluorescein adj isothiocyanate) or FITC)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/28 16:43 |
| S13 | 14    | ((metal adj enhanced adj fluorescence) or (surface adj enhanced adj fluorescence)) and ((rhodamine adj B) or (rose adj bengal) or (fluorescein adj isothiocyanate) or FITC)       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/28 14:24 |
| S14 | 29861 | ((surface adj enhanced adj raman adj scattering) or SERS) and ((rhodamine adj B) or (rose adj bengal) or (fluorescein adj isothiocyanate) or FITC)                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/28 15:58 |
| S15 | 339   | S14 and (probe with (nanoparticle or metal or colloid or microparticle or (quantum adj dot)) with (fluorophore or fluorescen\$ or fluorochrome))                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/28 14:27 |
| S16 | 386   | S14 and ((probe or oligonucleotide) with (nanoparticle or metal or colloid or microparticle or (quantum adj dot)) with (fluorophore or fluorescen\$ or fluorochrome))             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/28 14:28 |
| S17 | 2060  | S14 and ((probe or oligonucleotide or antibody) with (nanoparticle or metal or colloid or microparticle or (quantum adj dot)) with (fluorophore or fluorescen\$ or fluorochrome)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/28 14:27 |
| S18 | 26    | S4 and ((probe or oligonucleotide) with (nanoparticle or metal or colloid or microparticle or (quantum adj dot)) with (fluorophore or fluorescen\$ or fluorochrome))              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/28 15:02 |

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|     |     |   |   |     |    |                  |
|-----|-----|---|---|-----|----|------------------|
| S19 | 13  | S4 and ((probe or oligonucleotide) with (nanoparticle or colloid or microparticle or (quantum adj dot) or semiconductor) with (fluorophore or fluorescen\$ or fluorochrome))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/28 14:38 |
| S20 | 106 | S14 and ((probe or oligonucleotide) with (nanoparticle or colloid or microparticle or (quantum adj dot) or semiconductor) with (fluorophore or fluorescen\$ or fluorochrome))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/28 14:30 |
| S21 | 114 | ((probe or oligonucleotide) with (nanoparticle or colloid or microparticle or (quantum adj dot) or semiconductor) with ((fluorophore or fluorescen\$ or fluorochrome) near label))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/30 12:48 |
| S22 | 88  | S21 and SERS  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/28 14:41 |
| S23 | 88  | S21 and "SERS"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/28 14:40 |
| S24 | 2   | S21 and (surface adj enhanced adj raman adj scattering)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/30 12:55 |
| S25 | 9   | ((((probe or oligonucleotide) same (nanoparticle or colloid or microparticle or (quantum adj dot) or semiconductor) same ((fluorophore or fluorescen\$ or fluorochrome) near label))) and (surface adj enhanced adj raman adj scattering) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/28 14:48 |
| S26 | 1   | ((((antibody) same (nanoparticle or colloid or microparticle or (quantum adj dot) or semiconductor) same ((fluorophore or fluorescen\$ or fluorochrome) near label))) and (surface adj enhanced adj raman adj scattering)                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/28 14:48 |
| S27 | 1   | "20060147927" and (sandwich\$ with fluorophore)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/28 14:49 |

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|     |    |   |   |     |    |                  |
|-----|----|---|---|-----|----|------------------|
| S28 | 2  | "5854008".pn. and ((nanoparticle or metal or colloid or microparticle or (quantum adj dot)) with (fluorophore or fluorescen\$ or fluorochrome)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/28 15:04 |
| S29 | 2  | "5830769".pn. and ((nanoparticle or metal or colloid or microparticle or (quantum adj dot)) with (fluorophore or fluorescen\$ or fluorochrome)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/28 15:06 |
| S30 | 0  | "5814516".pn. and ((nanoparticle or metal or colloid or microparticle or (quantum adj dot)) with (fluorophore or fluorescen\$ or fluorochrome)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/28 15:06 |
| S31 | 1  | "5814516".pn. and ((nanoparticle or metal or colloid or microparticle or (quantum adj dot)) same (fluorophore or fluorescen\$ or fluorochrome)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/28 15:07 |
| S32 | 0  | "5854008".pn. and ((rhodamine adj B) or (rose adj bengal) or (fluorescein adj isothiocyanate) or FITC)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/28 15:58 |
| S33 | 1  | "5830769".pn. and ((rhodamine adj B) or (rose adj bengal) or (fluorescein adj isothiocyanate) or FITC)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/28 16:43 |
| S34 | 0  | culha.in. and SERS  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/28 16:04 |
| S35 | 5  | strokes.in. and SERS  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/28 16:06 |
| S36 | 31 | allain.in. and SERS   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/28 16:05 |
| S37 | 0  | allain.in. and (surface adj enhanced adj raman adj scattering)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/28 16:05 |

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|     |    |   |   |     |    |                  |
|-----|----|---|---|-----|----|------------------|
| S38 | 0  | strokes.in. and (surface adj enhanced adj raman adj scattering)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/28 16:06 |
| S39 | 0  | "5376556".pn. and ((rhodamine adj B) or (rose adj bengal) or (fluorescein adj isothiocyanate) or FITC)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/28 16:52 |
| S40 | 0  | "5567628".pn. and ((rhodamine adj B) or (rose adj bengal) or (fluorescein adj isothiocyanate) or FITC)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/28 17:03 |
| S41 | 0  | "6127120".pn. and ((rhodamine adj B) or (rose adj bengal) or (fluorescein adj isothiocyanate) or FITC)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/28 17:03 |
| S42 | 55 | ((rhodamine adj B) or (rose adj bengal) or (fluorescein adj isothiocyanate) or FITC) and (surface adj enhanced adj raman adj scattering)                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/28 17:05 |
| S43 | 17 | ((rhodamine adj B) or (rose adj bengal) or (fluorescein adj isothiocyanate) or FITC) same probe) and (surface adj enhanced adj raman adj scattering)            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/28 17:07 |
| S44 | 37 | ((rhodamine adj B) or (rose adj bengal) or (fluorescein adj isothiocyanate) or FITC) and (label same probe) and (surface adj enhanced adj raman adj scattering) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/28 17:11 |
| S45 | 23 | S44 not S43   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/28 17:07 |
| S46 | 20 | ((rhodamine adj B) or (rose adj bengal) or (fluorescein adj isothiocyanate) or FITC) same label) and (surface adj enhanced adj raman adj scattering)            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/28 17:11 |
| S47 | 15 | S46 not S45   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/28 17:11 |

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|     |       |  |   |     |    |                  |
|-----|-------|--|---|-----|----|------------------|
| S48 | 2     | "5854008".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/30 12:40 |
| S49 | 2     | "5830769".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/30 12:47 |
| S50 | 0     | metal same (fluorophore or fluoresc\$<br>or fluorochrome) same ".ang." | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/30 12:49 |
| S51 | 208   | metal same (fluorophore or fluoresc\$<br>or fluorochrome) same ang     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/30 12:54 |
| S52 | 12005 | (apparatus or device or system) same<br>metal same fluorescen\$        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/30 12:50 |
| S53 | 88    | S51 and S52  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/30 12:50 |
| S54 | 17    | S53 and (oligonucleotide or (nucleic<br>adj acid) or antibody)         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/30 12:51 |
| S55 | 6     | S51 and (surface adj enhanced adj<br>raman adj scattering)             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/30 13:09 |
| S56 | 2     | "20060246460"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/30 13:16 |
| S57 | 2     | "20050074779"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/30 13:16 |

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|     |    |                                |   |     |    |                  |
|-----|----|--------------------------------|---|-----|----|------------------|
| S58 | 2  | "20070128615"                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/30 13:17 |
| S59 | 2  | "20050147976"                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/30 13:18 |
| S60 | 2  | "20030059778"                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/30 13:21 |
| S61 | 2  | "20050048546"                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/30 14:30 |
| S62 | 2  | "6127120".pn.                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/30 14:30 |
| S63 | 39 | wohlstadter.in. and wilbur.in. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/30 15:22 |
| S64 | 2  | "6489103".pn.                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/09/30 17:19 |